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ARPA Network Information Center
Stanford Research Institute
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Attention: Marsha Keeney

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Originator: Dr. William K. Pratt
Site: University of Southern California
Los Angeles, California
Date: July 17-18, 1973
Title: Technical Meeting - Digital Image Processing Software Systems

The University of Southern California Image Processing Institute in conjunction with the Advanced Research Projects Agency, Information Processing Techniques Office is sponsoring a technical meeting on digital image processing software systems. The meeting will be held at USC on July 17-18, 1973. The purpose of the meeting is to consider the existing hardware facilities and software systems suitable for large scale image processing operations over the ARPANET. Additionally, preliminary consideration will be given to the potential development of universal image processing software that will be of utility to the entire image processing R & D community.

Representatives of interested organizations are invited to attend the technical meeting. Attendees should contact:

Professor William K. Pratt
Olin Hall, Room 330H
University of Southern California
University Park
Los Angeles, California 90007
(213) 746-2694

Technical Meeting

# DIGITAL IMAGE PROCESSING SOFTWARE SYSTEMS

July 17-18, 1973

University of Southern California

Los Angeles, California

## AGENDA

17 July 1973

Powell Hall - Room 101

1:00 Introduction; informal tour of USC image processing facilities

Seaver Science Center Conference Room

Image Processing Hardware and Software

Moderator: Bill Pratt - USC

2:00 ARPA Image Processing Programs

John Perry - ARPA/IPT

2:30 UCLA Campus Computer Network Computational Facilities

Bob Braden - UCLA

3:00 Lawrence Berkeley Laboratories Computational Facilities

3:30 ILLIAC IV Computational Facilities

Clark Oliphant - Computer Center Corp.

4:00 Coffee Break

4:30 VICAR Image Processing Software

John Krasner - JPL

5:00 LARSYS Image Processing Software

5:30 PAZ II Image Processing Software

Azriel Rosenfeld - University of Maryland (tentative)

Faculty Center

6:30 Cocktail Hour

7:30 Dinner

8:30 Discussions of Other Image Processing Software

PECOS - ESL, Inc.

LADIES - Bob Hunt, Los Alamos

KANDIDATS - R. Haralick - Kansas

18 July 1973

Seaver Science Center Conference Room

9:00 Group discussion

Moderator: John Perry

- requirements of user community
- advantages and disadvantages of existing software systems
- desired properties of a software system

10:30 Coffee Break

11:00 Group discussion continuation

- proposals for adoption of a universal image processing software

12:00 Meeting ends